

First Hit Fwd Refs

Generate Collection

Print

L4: Entry 6 of 11

File: USPT

Nov 27, 2001

US-PAT-NO: 6323894

DOCUMENT-IDENTIFIER: US 6323894 B1

**** See image for Certificate of Correction ****

TITLE: Commercial product routing system with video vending capability

DATE-ISSUED: November 27, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Katz; Ronald A.	Los Angeles	CA		

ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
Telebuyer, LLC	Los Angeles	CA			02

APPL-NO: 08/ 189405 [PALM]

DATE FILED: January 27, 1994

PARENT-CASE:

CROSS REFERENCE TO RELATED APPLICATIONS This application is a continuation-in-part of application Ser. No. 08/154,313, entitled "SCHEDULING AND PROCESSING SYSTEM FOR TELEPHONE VIDEO COMMUNICATION" and filed on Nov. 17, 1993, U.S. Pat. No. 5,495,284 which is a continuation-in-part application of application Ser. No. 08/067,783 ABN, entitled "VIDEOPHONE SYSTEM FOR SCRUTINY MONITORING WITH COMPUTER CONTROL" and filed on May 25, 1993, which is a continuation-in-part application of application Ser. No. 08/031,235, entitled "VIDEOPHONE SYSTEM FOR SCRUTINY MONITORING WITH COMPUTER CONTROL" and filed on Mar. 12, 1993 U.S. Pat. No. 5,412,708. The subject matter in all the above-identified co-pending and commonly owned applications is incorporated herein by reference.

INT-CL: [07] H04 M 11/00

US-CL-ISSUED: 348/15; 379/93.12, 379/93.25, 705/27

US-CL-CURRENT: 348/14.08; 379/93.12, 379/93.25, 705/27

FIELD-OF-SEARCH: 348/14, 348/15, 348/16, 348/17, 348/18, 348/19, 379/96, 379/94, 379/97, 379/98, 379/93, 379/93.21, 379/93.17, 379/93.12, 379/93.14, 379/93.01, 379/202, 379/204, 379/205, 370/62, 705/26, 705/27, 705/35-38

PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

Search Selected

Search ALL

Clear

	PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
<input type="checkbox"/>	<u>Re32115</u>	April 1986	Lockwood et al.	
<input type="checkbox"/>	<u>2575606</u>	November 1951	Wales et al.	
<input type="checkbox"/>	<u>2957567</u>	October 1960	Doud	
<input type="checkbox"/>	<u>3246082</u>	April 1966	Levy	
<input type="checkbox"/>	<u>3253689</u>	May 1966	Thompson	
<input type="checkbox"/>	<u>3445633</u>	May 1969	Ratner	
<input type="checkbox"/>	<u>3609250</u>	September 1971	Morris	
<input type="checkbox"/>	<u>3622995</u>	November 1971	Dilks et al.	
<input type="checkbox"/>	<u>3705384</u>	December 1972	Wahlberg	
<input type="checkbox"/>	<u>3794774</u>	February 1974	Kemmerly et al.	
<input type="checkbox"/>	<u>3881060</u>	April 1975	Connell et al.	
<input type="checkbox"/>	<u>3909553</u>	September 1975	Marshall	
<input type="checkbox"/>	<u>4037250</u>	July 1977	McGahan et al.	
<input type="checkbox"/>	<u>4070698</u>	January 1978	Curtis et al.	
<input type="checkbox"/>	<u>4090038</u>	May 1978	Biggs	
<input type="checkbox"/>	<u>4137429</u>	January 1979	Stockdale	
<input type="checkbox"/>	<u>4141006</u>	February 1979	Braxton	
<input type="checkbox"/>	<u>4150254</u>	April 1979	Schussler et al.	
<input type="checkbox"/>	<u>4173024</u>	October 1979	Miller	
<input type="checkbox"/>	<u>4186438</u>	January 1980	Benson et al.	
<input type="checkbox"/>	<u>4190819</u>	February 1980	Burgyan	
<input type="checkbox"/>	<u>4193114</u>	March 1980	Benini	
<input type="checkbox"/>	<u>4194242</u>	March 1980	Robbins	
<input type="checkbox"/>	<u>4247759</u>	January 1981	Yuris et al.	
<input type="checkbox"/>	<u>4262333</u>	April 1981	Horigame et al.	
<input type="checkbox"/>	<u>4270042</u>	May 1981	Case	
<input type="checkbox"/>	<u>4289930</u>	September 1981	Connolly et al.	
<input type="checkbox"/>	<u>4346442</u>	August 1982	Musmanno	
<input type="checkbox"/>	<u>4359631</u>	November 1982	Lockwood et al.	
<input type="checkbox"/>	<u>4360345</u>	November 1982	Hon	
<input type="checkbox"/>	<u>4360827</u>	November 1982	Braun	
<input type="checkbox"/>	<u>4393277</u>	July 1983	Besen et al.	
<input type="checkbox"/>	<u>4412287</u>	October 1983	Braddock, III	
<input type="checkbox"/>	<u>4424572</u>	January 1984	Lorig et al.	
<input type="checkbox"/>	<u>4449186</u>	May 1984	Kelly et al.	
<input type="checkbox"/>	<u>4450477</u>	May 1984	Lovett	
<input type="checkbox"/>	<u>4451701</u>	May 1984	Bendig	

<input type="checkbox"/>	<u>4493948</u>	January 1985	Sues et al.	
<input type="checkbox"/>	<u>4496943</u>	January 1985	Greenblatt	
<input type="checkbox"/>	<u>4528643</u>	July 1985	Freeny, Jr. et al.	
<input type="checkbox"/>	<u>4553222</u>	November 1985	Kurland et al.	
<input type="checkbox"/>	<u>4559415</u>	December 1985	Bernard et al.	
<input type="checkbox"/>	<u>4566030</u>	January 1986	Nickerson et al.	
<input type="checkbox"/>	<u>4567359</u>	January 1986	Lockwood	
<input type="checkbox"/>	<u>4577067</u>	March 1986	Levy et al.	
<input type="checkbox"/>	<u>4591906</u>	May 1986	Morales-Garza et al.	
<input type="checkbox"/>	<u>4626836</u>	December 1986	Curtis et al.	
<input type="checkbox"/>	<u>4635251</u>	January 1987	Stanley et al.	
<input type="checkbox"/>	<u>4641127</u>	February 1987	Hogan et al.	
<input type="checkbox"/>	<u>4652998</u>	March 1987	Koza et al.	
<input type="checkbox"/>	<u>4654482</u>	March 1987	DeAngelis	
<input type="checkbox"/>	<u>4674044</u>	June 1987	Kalmus et al.	
<input type="checkbox"/>	<u>4694490</u>	September 1987	Harvey et al.	
<input type="checkbox"/>	<u>4704725</u>	November 1987	Harvey et al.	
<input type="checkbox"/>	<u>4712191</u>	December 1987	Penna	
<input type="checkbox"/>	<u>4720849</u>	January 1988	Tayama	
<input type="checkbox"/>	<u>4727243</u>	February 1988	Savar	
<input type="checkbox"/>	<u>4734858</u>	March 1988	Schlaflly	
<input type="checkbox"/>	<u>4739478</u>	April 1988	Roberts et al.	
<input type="checkbox"/>	<u>4739510</u>	April 1988	Jeffers et al.	
<input type="checkbox"/>	<u>4742457</u>	May 1988	Leon et al.	
<input type="checkbox"/>	<u>4745468</u>	May 1988	Von Kohorn	
<input type="checkbox"/>	<u>4751640</u>	June 1988	Lucas et al.	
<input type="checkbox"/>	<u>4755871</u>	July 1988	Morales-Garza et al.	
<input type="checkbox"/>	<u>4758872</u>	July 1988	Hada	
<input type="checkbox"/>	<u>4761684</u>	August 1988	Clark et al.	
<input type="checkbox"/>	<u>4763191</u>	August 1988	Gordon et al.	
<input type="checkbox"/>	<u>4788682</u>	November 1988	Vij et al.	
<input type="checkbox"/>	<u>4789863</u>	December 1988	Bush	
<input type="checkbox"/>	<u>4789928</u>	December 1988	Fujisaki	
<input type="checkbox"/>	<u>4794530</u>	December 1988	Yukiura et al.	
<input type="checkbox"/>	<u>4799156</u>	January 1989	Shavit et al.	705/26
<input type="checkbox"/>	<u>4805134</u>	February 1989	Calo et al.	
<input type="checkbox"/>	<u>4807023</u>	February 1989	Bestler et al.	
	<u>4823265</u>	April 1989	Nelson	

<input type="checkbox"/>				
<input type="checkbox"/>	<u>4825457</u>	April 1989	Lebowitz	
<input type="checkbox"/>	<u>4833710</u>	May 1989	Hirashima	
<input type="checkbox"/>	<u>4843377</u>	June 1989	Fuller et al.	
<input type="checkbox"/>	<u>4845636</u>	July 1989	Walker	379/91.01
<input type="checkbox"/>	<u>4845739</u>	July 1989	Katz	
<input type="checkbox"/>	<u>4852154</u>	July 1989	Lewis et al.	
<input type="checkbox"/>	<u>4873662</u>	October 1989	Sargent	
<input type="checkbox"/>	<u>4876597</u>	October 1989	Roy et al.	
<input type="checkbox"/>	<u>4876648</u>	October 1989	Lloyd	
<input type="checkbox"/>	<u>4885685</u>	December 1989	Wolfberg et al.	
<input type="checkbox"/>	<u>4893248</u>	January 1990	Pitts et al.	
<input type="checkbox"/>	<u>4893325</u>	January 1990	Pankonen et al.	
<input type="checkbox"/>	<u>4897867</u>	January 1990	Foster et al.	
<input type="checkbox"/>	<u>4903201</u>	February 1990	Wagner	
<input type="checkbox"/>	<u>4907160</u>	March 1990	Duncan et al.	
<input type="checkbox"/>	<u>4910676</u>	March 1990	Allredge	
<input type="checkbox"/>	<u>4916435</u>	April 1990	Fuller	
<input type="checkbox"/>	<u>4922520</u>	May 1990	Bernard et al.	
<input type="checkbox"/>	<u>4926325</u>	May 1990	Benton et al.	
<input type="checkbox"/>	<u>4928177</u>	May 1990	Martinez	
<input type="checkbox"/>	<u>4939773</u>	July 1990	Katz	
<input type="checkbox"/>	<u>4947028</u>	August 1990	Gorog	
<input type="checkbox"/>	<u>4951196</u>	August 1990	Jackson	
<input type="checkbox"/>	<u>4954886</u>	September 1990	Elberbaum	
<input type="checkbox"/>	<u>4955052</u>	September 1990	Hussain	
<input type="checkbox"/>	<u>4962473</u>	October 1990	Crain	
<input type="checkbox"/>	<u>4965825</u>	October 1990	Harvey et al.	
<input type="checkbox"/>	<u>4972318</u>	November 1990	Brown et al.	
<input type="checkbox"/>	<u>4980826</u>	December 1990	Wagner	
<input type="checkbox"/>	<u>4989233</u>	January 1991	Schakowsky et al.	
<input type="checkbox"/>	<u>4992866</u>	February 1991	Morgan	
<input type="checkbox"/>	<u>4992940</u>	February 1991	Dworkin	
<input type="checkbox"/>	<u>5020129</u>	May 1991	Martin et al.	
<input type="checkbox"/>	<u>5021953</u>	June 1991	Webber et al.	
<input type="checkbox"/>	<u>5032989</u>	July 1991	Tornetta	
<input type="checkbox"/>	<u>5042062</u>	August 1991	Lee et al.	
	<u>5060068</u>	October 1991	Lindstrom	

<input type="checkbox"/>				
<input type="checkbox"/>	<u>5061916</u>	October 1991	French et al.	
<input type="checkbox"/>	<u>5063507</u>	November 1991	Lindsey et al.	
<input type="checkbox"/>	<u>5065393</u>	November 1991	Sibbitt et al.	
<input type="checkbox"/>	<u>5072103</u>	December 1991	Nara	
<input type="checkbox"/>	<u>5077665</u>	December 1991	Silverman	
<input type="checkbox"/>	<u>5077788</u>	December 1991	Cook et al.	
<input type="checkbox"/>	<u>5093718</u>	March 1992	Hoarty et al.	
<input type="checkbox"/>	<u>5101353</u>	March 1992	Lupien et al.	
<input type="checkbox"/>	<u>5109399</u>	April 1992	Thompson	
<input type="checkbox"/>	<u>5109414</u>	April 1992	Harvey et al.	
<input type="checkbox"/>	<u>5117354</u>	May 1992	Long et al.	
<input type="checkbox"/>	<u>5136501</u>	August 1992	Silverman et al.	
<input type="checkbox"/>	<u>5136581</u>	August 1992	Muehrcke	
<input type="checkbox"/>	<u>5151782</u>	September 1992	Ferraro	
<input type="checkbox"/>	<u>5164979</u>	November 1992	Choi	
<input type="checkbox"/>	<u>5164982</u>	November 1992	Davis	
<input type="checkbox"/>	<u>5168446</u>	December 1992	Wiseman	
<input type="checkbox"/>	<u>5170427</u>	December 1992	Guichard et al.	
<input type="checkbox"/>	<u>5191410</u>	March 1993	McCalley et al.	
<input type="checkbox"/>	<u>5191613</u>	March 1993	Graziano et al.	
<input type="checkbox"/>	<u>5193056</u>	March 1993	Boes	
<input type="checkbox"/>	<u>5202759</u>	April 1993	Laycock	
<input type="checkbox"/>	<u>5204670</u>	April 1993	Stinton	
<input type="checkbox"/>	<u>5206803</u>	April 1993	Vitagliano et al.	
<input type="checkbox"/>	<u>5220501</u>	June 1993	Lawlor et al.	
<input type="checkbox"/>	<u>5222018</u>	June 1993	Sharpe et al.	
<input type="checkbox"/>	<u>5224157</u>	June 1993	Yamada et al.	
<input type="checkbox"/>	<u>5229850</u>	July 1993	Toyoshima	
<input type="checkbox"/>	<u>5231571</u>	July 1993	D'Agostino	705/36
<input type="checkbox"/>	<u>5233654</u>	August 1993	Harvey et al.	
<input type="checkbox"/>	<u>5235680</u>	August 1993	Bijnagte	
<input type="checkbox"/>	<u>5237499</u>	August 1993	Garback	
<input type="checkbox"/>	<u>5237500</u>	August 1993	Perg et al.	
<input type="checkbox"/>	<u>5239462</u>	August 1993	Jones et al.	
<input type="checkbox"/>	<u>5241587</u>	August 1993	Horton et al.	
<input type="checkbox"/>	<u>5241671</u>	August 1993	Reed et al.	
	<u>5262942</u>	November 1993	Earle	

<input type="checkbox"/>				
<input type="checkbox"/>	<u>5264929</u>	November 1993	Yamaguchi	
<input type="checkbox"/>	<u>5283731</u>	February 1994	Lalonde et al.	
<input type="checkbox"/>	<u>5285383</u>	February 1994	Lindsey et al.	
<input type="checkbox"/>	<u>5305200</u>	April 1994	Hartheimer et al.	
<input type="checkbox"/>	<u>5309355</u>	May 1994	Lockwood	
<input type="checkbox"/>	<u>5323315</u>	June 1994	Highbloom	
<input type="checkbox"/>	<u>5323445</u>	June 1994	Nakasuka	
<input type="checkbox"/>	<u>5335277</u>	August 1994	Harvey et al.	
<input type="checkbox"/>	<u>5347632</u>	September 1994	Filepp et al.	
<input type="checkbox"/>	<u>5351186</u>	September 1994	Bullock et al.	
<input type="checkbox"/>	<u>5361199</u>	November 1994	Shoquist et al.	
<input type="checkbox"/>	<u>5375055</u>	December 1994	Togher	
<input type="checkbox"/>	<u>5402336</u>	March 1995	Spiegelhoff et al.	
<input type="checkbox"/>	<u>5426281</u>	June 1995	Abecassis	
<input type="checkbox"/>	<u>5440624</u>	August 1995	Schoof, II	379/202
<input type="checkbox"/>	<u>5442771</u>	August 1995	Filepp et al.	
<input type="checkbox"/>	<u>5450123</u>	September 1995	Smith	379/93.25
<input type="checkbox"/>	<u>5451998</u>	September 1995	Hamrick	
<input type="checkbox"/>	<u>5455903</u>	October 1995	Jolissaint et al.	
<input type="checkbox"/>	<u>5465291</u>	November 1995	Barrus et al.	
<input type="checkbox"/>	<u>5475585</u>	December 1995	Bush	
<input type="checkbox"/>	<u>5485370</u>	January 1996	Moss et al.	
<input type="checkbox"/>	<u>5500793</u>	March 1996	Deming, Jr. et al.	
<input type="checkbox"/>	<u>5528513</u>	June 1996	Vaitzblit et al.	
<input type="checkbox"/>	<u>5557518</u>	September 1996	Rosen	
<input type="checkbox"/>	<u>5592375</u>	January 1997	Salmon et al.	
<input type="checkbox"/>	<u>5602905</u>	February 1997	Mettke	
<input type="checkbox"/>	<u>5604487</u>	February 1997	Frymier	
<input type="checkbox"/>	<u>5689553</u>	November 1997	Ahuja et al.	379/202
<input type="checkbox"/>	<u>5710887</u>	January 1998	Chelliah et al.	
<input type="checkbox"/>	<u>5758328</u>	May 1998	Giovannoli	
<input type="checkbox"/>	<u>5794207</u>	August 1998	Walker et al.	
<input type="checkbox"/>	<u>5845265</u>	December 1998	Woolston	
<input type="checkbox"/>	<u>5905973</u>	May 1999	Yonezawa et al.	

FOREIGN PATENT DOCUMENTS

FOREIGN-PAT-NO	PUBN-DATE	COUNTRY	US-CL
0 010 399 A1	April 1980	EP	
188286	July 1986	EP	
1437883	June 1976	GB	
1504112	March 1978	GB	
1504113	March 1978	GB	
2 105 075	March 1983	GB	
50-98626	January 1974	JP	
49-73198	July 1974	JP	
50-133892	October 1975	JP	
52-72800	November 1975	JP	
54-60000	May 1979	JP	
57-92254	November 1980	JP	
63-260536	April 1990	JP	
0029456	February 1991	JP	
WO 89/02139	March 1989	WO	

OTHER PUBLICATIONS

P.V. Rangan, "Video Conferencing, File Storage, and Management in Multimedia Computer Systems", Computer Networks and ISDN Systems 3/93.*

Ackerman, Lorrie F., et al., "The Video Phone: New Life For An Old Idea?," Apr. 1992, pp. 1-47--(Paper).

Andrade, Juan M., et al. "Open On-line Transaction Processing with the TUXEDO System," digest of papers Compcon Spring 1992, IEEE Computer Society Press, Los Alamitos, California, pp. 366-371--(Article).

Angiolillo, J., et al., "Personal Visual Communications Enters The Market Place," Visual Communications, AT&T Technology Products, Systems and Services, vol. 7, No. 3, fall 1992, pp. 18-28--(Article).

Applebaum, Simon, "Two-way television" Cable Vision, Aug. 8, 1983, p. 66--(Article).

AT&T News Release, "AT&T Picasso Phone Still-Image Phone gets new secure capability," Tuesday, Jun. 7, 1994, pp. 1-2--(News release).

AT&T News Release, "Picasso phone sends high-quality images over ordinary lines," Tuesday, May 11, 1993, pp. 1-5--(News release).

Bowen, Charles, et al. How to Get the Most Out of CompuServe, 5th edition, 1993, Table of Contents (pp. v-xxi); "CompuServe Mail" (pp. 50-55); Chapter 12 ("Shopping", pp. 283-299), Appendix (pp. 453-455)--(Chapters from book).

Brittan, David, "Being There The Promise of Multimedia Communications," Technology Review, May/Jun. 1992, pp. 44-50--(Article).

Broom, Michael, "AT&T Launches Online Buying for Wireless Products and Services; Largest Wireless Carrier to Offer Automated Online Store," Business Wire, Thursday, Oct. 29, 1998--(Article).

Cerbone, R., "The Coming HDTV Wave," Visual Communications, AT&T Technology Products, Systems and Services, vol. 7, No. 3, fall 1992, pp. 14-17--(Article).

Del Rosso, Laura, "Marketel Says it Plans to Launch Air Fare 'Auction' in Jun.," Travel Weekly, Apr. 29, 1991.

Del Rosso, Laura, "Ticket-Bidding Firm Closes its Doors," Travel Weekly, Mar. 12, 1992.

"Electronic in-home shopping: Our stores are always open," Chain Store Age Executive, Mar. 1985, pp. 111, 116--(Article).

Ellis, M.L., et al., "INDAX: An Operational Interactive Cabletext System," IEEE Journal On Selected Areas In Communications, vol. SAC-1, No. 2, Feb. 1983, pp. 285-293--(Article).

Englander, A.C., et al. "Creating Tomorrow's Multimedia Systems Today," Visual

Communications, AT&T Technology Products, Systems and Services, vol. 7, No. 3, fall 1992, pp. 24-30--(Article).

Ensor, J. Robert, et al., "The Rapport Multimedia Conferencing System--A Software Overview," IEEE Magazine, 1988, pp. 52-58--(Article).

Francas, M., et al., "Input Devices For Public Videotex Services", Human-Computer Interaction--INTERACT '84, 1985, pp. 171-175--(Paper).

Fry, Jason, "Buying The Goods, Person To Person," Wall Street Journal, Dec. 7, 1998.

GE Information Services brochures (Getting Started On GEIS' EDI Services; Getting Started On The EDI Express System; UPC Express; copy of business card of Marty Costello; EDI Products and Services; Electronic Data Interchange: Your Competitive Edge In Managing Today's Business Cycle; Information Services Agreement; Introduction To Electronic Data Interchange, A Primer).

Godfrey, D., et al., "The Telidon Book--Designing and Using Videotex Systems", pp. 1-103--(Book).

Golden, Fran, "AAL's Riga Doubts Marketel's Appeal to Retailers," Travel Weekly, Nov. 13, 1989.

Harvey, D.E., et al., "Videoconferencing Systems: Seeing Is Believing," Visual Communications, AT&T Technology Products, Systems and Services, vol. 7, No. 3, fall 1992, pp. 7-13--(Article).

Haszto, E.D., et al., "Alliance Teleconferencing Services Boost Business Efficiency," AT&T Technology, vol. Three, No. One, pp. 22-31.

Heidkamp, Martha M., "Reaping the Benefits of Financial EDI," Management Accounting, May 1991, pp. 2-3 and 39-43.

"ICS launches new ?-home interactive video service package", Cable Vision, Sep. 3, 1984, pp. 71/73--(Article).

Kuttner, Robert, "Computers May Turn the World into One Big Commodities Pit," Business Week, Sep. 11, 1989.

Long, J., et al., "Transaction Processing Using Videotex or: Shopping on Prestel", Human-Computer Interaction--INTERACT '84, 1985, pp. 251-255--(Paper).

Lucent Technologies Press Release, "AT&T receives FDA approval to market Picasso as diagnostic tool," Thursday, Mar. 9, 1995--(Press release).

Miller, Michael, Using CompuServe, 2nd Edition, 1994, Contents at a Glance/Introduction (9 pages); Chapter 12 ("Beyond CompuServe: E-mailing Other On-Line Services," pp. 172-177); Chapter 13 ("Minding Your Manners: E-mail Etiquette," pp. 180-185) + drawing figure; Chapter 14 (Just What Is This Internet Thing?, pp. 190-195); Chapter 15 ("E-mailing From CompuServe To The Internet," pp. 198-207); Chapter 16 ("Forums On The Internet: USENET News Groups," pp. 210-221); Chapter 17 ("Files On The Internet: Using FTP," pp. 223-233); Chapter 18 ("Other Internet Services: Now And In The Future," pp. 235-241, + drawing figure); Chapter 36 ("Find A Pretty Picture," pp. 423-437); Chapter 38 ("Go Shopping," pp. 452-463); Chapter 39 (face page only)--(Chapters from book).

NASDAQ Website Printouts.

Pelline, Jeff, "Travelers Bidding on Airline Tickets: SF Firm Offers Chance for Cut-rate Fares," San Francisco Chronicle, Section A4, Aug. 19, 1991.

Posko, A.L., "Versatile Services Streamline Global Videoconferencing," Visual Communications, AT&T Technology Products, Systems and Services, vol. 7, No. 3, fall 1992, pp. 2-8--(Article).

Prodigy Made Easy 2nd Edition, Osborne McGraw Hill, 1993, Table of Contents (6 pages); Forward (pp. xix); Chapter 6 ("Shopping And Other Services", pp. 127-151; Chapter 10 ("I Can't Believe This Is Prodigy", pp. 234-239).

Ritter, Jeffrey B., "Scope of the Uniform Commercial Code: Computer Contracting Cases and Electronic Commercial Practices," 45 Bus. Law, 2533 (Aug. 1990).

Schrage, Michael, "An Experiment in Economic Theory; Labs Testing Real Markets," The Record, Section B1, Nov. 26, 1989.

"Shopping via a network is no longer just talk," Data Communications, Aug. 1981 at 43.

Spiedel, Richard E., "Impact of Electronic Contracting on Contract Formation Under Revised UCC Article 2, Sales," C878 ALI-ABI, 335, Dec. 9, 1993.

Takei, Daisuke, "Videotex Information System and Credit System Connecting with

MARS-301 of JNR," Japanese Railway Engineering, No. 95, Sep. 1985, pp. 9-11-- (Article).

Teweles, Richard J., et al., The Stock Market, 5th Edition, John Wiley & Sons, 1987, Series Preface; Chapter 9 ("The Over-the-Counter Markets", pp. 189-199).

"Web Ventures Presents BookIt!" press release printed from <http://www.webventures.com/bookit/> (Web Ventures World Wide Web site) on Dec. 2, 1996.

Online Review, vol. 3, No. 2, 1979, pp. 140-141 (Article).

MCA Discovision, 1979 (Manual/Brochure).

"Wurlitzer Card Control: Unveiled at the recent National Automatic Merchandising Association convention was this magnetic card vending system from Deutsche Wurlitzer GmbH," Vending Times, Nov. 1979 (Article).

"Auerbach On Data Collection Systems," 1972, Chapters 3, 4, 5, 13 (Chapters from a Book).

"American, IBM, American Express To Test Automatic Ticket Vendor," Aviation Daily, Oct. 30, 1969 (Article).

Rusche, J., "Business Programming for the Video Disc," pp. 118-137 (Chapters from a Book).

ISDN Strategies, 1986 (Article).

ISDN Strategies, vol. 1, No. 1, Jul. 1986 (Article).

ISDN Strategies, vol. 2, No. 3, Mar. 1987 (Article).

ISDN Strategies, vol. 3, No. 12, Dec. 1988 (Article).

ISDN Strategies, vol. 4, No. 1, Jan. 1989 through vol. 4, No. 7, Jul. 1989 (Article).

"Profit From Impulse Pay-Per-View," Telephony, Jul. 14, 1986 (Advertisement).

Kim, B.G., "Current Advances in LANs, MAN's & ISDN," 1989, Chapter 4 (Chapter of a Book).

"Introduction to ISDN," Online Publications, 1987, pp. 1-79 (Tutorial Paper).

Arnbak, J., "ISDN: Innovative Services or Innovative Technology?," Proceedings of the IFIP TC 6/ICCC Joint conference on ISDN in Europe, Apr. 25-27, 1989, pp. 45-51, pp. 405-411 (Article).

Bocker, P., "ISDN The Integrated Services Digital Network," 1988, p. 1-52 (Article).

Perry, Y., "Data Communications in the ISDN Era," Proceedings of the IFIP TC6 First International Conference on Data Communications in the ISDN Era, Mar. 4-5, 1985 (Article).

Gawrys, G.W., "Ushering In The Era Of ISDN," AT&T Technology, vol. 1, No. 1, 1986, pp. 2-9 (Article).

Herr, T.J., "ISDN Applications In Public Switched Networks," AT&T Technology, vol. 2, No. 3, 1987, pp. 56-65 (Article).

Delatore, J.P., et al., "ISDN Data Networking Applications In The Corporate Environment," AT&T Technical Journal, vol. 67, No. 6, Nov./Dec. 1988, pp. 107-120 (Article).

Kauza, J.J., "ISDN: A Customer's Service," AT&T Technology, vol. 4, No. 3, 1989, pp. 4-11 (Article).

Cheung, J.B., et al., "ISDN: Evolutionary step to integrated access and transport services," Record, Nov. 1985, (Article).

"Ref. FCC Tariff Nos. 2, 4, 9," Apr. 5, 1988 (Article).

"An ISDN Primer: Technology And Network Implications," Business Communications Review, 1986 (Article).

ISDN Reference Manual (Integrated Services Digital Network), AT&T, Jul. 1987 (Manual).

Zilles, S.N., "Catalog-Based Order Entry System," IBM Technical Disclosure Bulletin, vol. 25, No. 11B, Apr. 1983, pp. 5892-5893 (Article).

Kamin, I., Questions and Answers About TV, 1983, Chapters 4-7 (Chapter of a Book).

Lachenbruch, D., "Video News," Radio-Electronics, Dec., 1989 (Article).

Ericson, D. et al., "New Concepts of Addressability," PayPerViews, vol. 1, No. 1, Dec., 1989, pp. 8-14.

Gould, D., "Audio Response Units," PayPerViews, Sep., 1989, pp. 19-20, 22 (Article).

Kuhl, C., "Operators' Handbook The PPV billing challenge is keeping it simple while obtaining valuable marketing information," Cablevision, 49, Jan. 15, 1990, pp. 49, 52 (Article).

Neville, T. et al., "The Application of National ANI to Pay-Per-View Ordering," 1988 NCTA Technical Papers.

"System will enable customer to establish prebilled `credit bank`," Communications Daily, Aug. 15, 1990 (Article).

Andrews, E.L., "FCC Plan to set Up 2-Way TV," The New York Times, Business Day, Jan. 11, 1991, pp. C1 (Article).

Rangan, P. Venkat, "Video conferencing, file storage, and management in multimedia computer systems", Computer Networks and ISDN Systems, Mar. 1993, vol. 25, No. 8, pp. 901-919 (Article).

Imai, R., et al., "Multimedia Communication Technology", Fujitsu Scientific & Technical Journal, 1992, vol. 28, No. 2, pp. 172-179--(Article).

Yager, T., "Better Than Being There", Byte, Mar. 1993, vol. 18, pp. 129-130, 132-134--(Article).

Wright, Peter, "Vision by Telephone", Computer Systems, Jan. 1986 Bramley, (Great Britain)--(Article).

ART-UNIT: 263

PRIMARY-EXAMINER: Woo; Stella

ATTY-AGENT-FIRM: Lyon & Lyon LLP

ABSTRACT:

A traffic control system selectively interfaces members of plural groups, as buyer groups and vendor groups, for video communication through a dial-up telephone system, for analyzing and compiling data, scheduling appointments, implementing conferences, consummating sales and the like. The traffick-control system comprises a telephonic interface apparatus for interfacing remote telephonic terminals of the dial-up telephone system identified with the members of plural groups, a video recording unit for recording and playing video transcriptions, a storage memory for storing data on the members, including telephonic terminal numbers and area-of-interest codes and a control computer to selectively interconnect the video recording unit with the remote telephone terminals through the telephonic interface apparatus to record and receive video communication.

195 Claims, 10 Drawing figures



DOCUMENT-IDENTIFIER: US 6141653 A

**** See image for Certificate of Correction ****

TITLE: System for interactive, multivariate negotiations over a network

Abstract Text (1):

A multivariate negotiations engine for iterative bargaining which: enables a sponsor to create and administer a community between participants such as buyers and sellers having similar interests; allows a buyer/participant to search and evaluate seller information, propose and negotiate orders and counteroffers that include all desired terms, request sample quantities, and track activity; allows a seller/participant to use remote authoring templates to create a complete Website for immediate integration and activation in the community, to evaluate proposed buyer orders and counteroffers, and to negotiate multiple variables such as prices, terms, conditions etc., iteratively with a buyer. The system provides secure databases, search engines, and other tools for use by the sponsor, which enable the sponsor to define the terms of community participation, establish standards, help promote the visibility of participating companies, monitor activity, collect fees, and promote successes. All this is done through a multivariate negotiations engine system operated at the system provider's Internet site, thus requiring no additional software at the sponsors', or participant sellers', or buyer's sites. This also allows buyers and sellers to use and negotiate payment options and methods that are accepted internationally. The system maintains internal databases that contain the history of all transactions in each community, so that sponsors, buyers and sellers may retrieve appropriate records to document each stage of interaction and negotiation. Documents are created by the system during the negotiation process.

Application Filing Date (1):

19981116

Brief Summary Text (44):

In many corporations, the selection of a new supplier for production purchases usually involves the creation of a team from purchasing, engineering, and manufacturing to evaluate all potential sellers. The team usually flies to potential vendor sites to evaluate capabilities and production facilities, obtain samples, and then return home to evaluate the samples.

Brief Summary Text (48):

Obtaining samples from vendors known to the production buyer is significant in itself, as seen above. However, in today's international trade, the overwhelming majority of potential buyers and sellers are not aware of each other's existence. Yet international trade is increasing by double

Brief Summary Text (49):

digit numbers each year, so an obvious need exists for more capability. Many countries are taking advantage of the "leapfrog" effect by using the Internet and the latest in information technology (IT) to build instant infrastructures for competing in international commerce. Some countries and trade regions have set up inspection services for potential outside buyers, so that a buyer can obtain an

independent assessment of a particular vendor's production facilities from such services. This saves some time and travel expense. However, it still does not provide a buying team with samples for evaluation. With current Internet commerce systems there is no effective way to order such samples. By the time terms and conditions for a sample order have been negotiated manually at such distances, the samples are not likely to be relevant any longer to the buyer company's development goals.

Brief Summary Text (62):

Thus, most existing electronic commerce sites are designed to work with existing proprietary banking networks such as the United States VISA.TM. and MC MASTERCARD.TM. real-time card authorization and processing interbanking systems. As noted above, these are known as SWIFT-compatible private networks which use 128 key encryption for security. This often limits a buyer or seller's market potential unnecessarily. Since many countries do not have banking systems comparable to the SWIFT interbanking system, payments in such countries may only be made by manually negotiated letters of credit and so on. It can take from 4-6 weeks simply to negotiate the terms of a letter of credit, when using the same manual techniques of phone calls and fax machines. In a global economy, when manufacturers in one country may want to source parts and components from the Pacific rim, sell them in the United States, Europe or South America, or Pacific Rim, a system that does not address the complexities of international purchasing is very limiting.

Brief Summary Text (79):

These and other objects are achieved by a multivariate negotiations engine for iterative bargaining which: enables a sponsor to create and administer a community between participants such as buyers and sellers having similar interests; allows a buyer/participant to search and evaluate seller information, propose and negotiate orders and counteroffers that include all desired terms, request sample quantities, and track activity; allows a seller/participant to use remote authoring templates to create a complete Website for immediate integration and activation in the community, to evaluate proposed buyer orders and counteroffers, and to negotiate multiple variables such as prices, terms, conditions etc., iteratively with a buyer. The system provides secure databases, search engines, and other tools for use by the sponsor, which enable the sponsor to define the terms of community participation, establish standards, help promote the visibility of participating companies, monitor activity, collect fees, and promote successes. All this is done through a multivariate negotiations engine system operated at the system provider's Internet site, thus requiring no additional software at the sponsors', or participant sellers', or buyer's sites. This also allows buyers and sellers to use and negotiate payment options and methods that are accepted internationally. The system maintains internal databases that contain the history of all transactions in each community, so that sponsors, buyers and sellers may retrieve appropriate records to document each stage of interaction and negotiation. Documents are created by the system during the negotiation process.

Detailed Description Text (17):

The sponsor processes of FIG. 1g include maintaining databases, registering community and seller domain names, and submitting Web uniform resource locators (URLs) to multiple search engines so that both the community Website and each seller Website within it can be found by search engines such as Compaq's ALTAVISTA.TM. among others. Sponsor 06 also monitors activity, collects fees, establishes standards or rules (or both) for the community, and promotes successes. Once a deal is concluded it is archived 68, by multivariate negotiations engine 212 on behalf of seller. The present invention also allows the collection and analysis of direct e-mail demographic information, such as company name, title and location. This data helps the present invention screen out frivolous or fraudulent inquirers. For example, a high school student attempting to propose an order might be intercepted when the present invention determines that no company name or title has been provided and no other authorization for such a request has been provided for.

Detailed Description Text (20):

Still in FIG. 1k, participant functions for buyer participants 08grpb could be as simple as proposals 214-10. A buyer might either propose negotiations of order terms based on a seller's catalog and price lists or send out a request for proposal (RFP) to all or some of the seller's in the community, or send out a request for a quote (RFQ) to all or some of the sellers in a community, asking sellers to respond with the best, most comprehensive terms each seller can offer. The present invention also provides prospective buyers with the ability to make e-mail inquiries through the system, which are logged by the system.

Detailed Description Text (37):

FIG. 1i is a flow diagram of the steps of iterative multivariate negotiations engine 212 of the present invention. At step 212-02 an initializing event occurs, such as participant 08 proposing terms to another participant on an initiating terminal (or desktop computer or workstation, etc.) over the Internet 04 through multivariate negotiations engine system 02, thereby creating a communications path which is ultimately directed by multivariate negotiations engine system 02 over the Internet 04 to the destination terminal at which the selected other participant 08 is active. The terms could be the placement of an order from a buyer, or a seller's response to a general request for proposal (RFP), and so on. In initializing step 212-02 multivariate negotiations engine 212 recognizes that these two participants are negotiators and also determines that a deciding entity has been appointed either by the sponsor or by the rules established for this community.

Detailed Description Text (46):

With reference now to FIG. 1e, the steps of multivariate negotiations engine 212 are shown. While a sponsor 06, is desirable, multivariate negotiations engine 212 can operate with only a deciding entity DE and another initiating entity OE. If this is a commerce community, deciding entity DE is usually the seller and the other initiating entity OE is usually the buyer. However, even in this situation, other designations are possible. For example, if the buyer is sending out a request for proposal to which sellers must reply and negotiate, then the buyer may be the deciding entity and the seller(s) the other negotiating entity. For many master agreements or open to buy agreements, both negotiating parties may be deciding negotiating entities.

Detailed Description Text (54):

One of the paradoxes of international trade now is that as today's global economy expands exponentially the number of potential buyers and sellers, it becomes correspondingly difficult for them to find each other and negotiate agreements. The present invention addresses this in a number of ways. First, a sponsored community increases the visibility of member companies which are sellers. The methods described below in connection with functions to promote visibility for the sponsored community and its members significantly increase the likelihood that a buyer, searching for a new supplier over the Internet will find members of such sponsored communities and that they will be more likely to meet the buyer's needs. For example, trade development communities can be established using the present invention, including as sellers only those that meet the qualifications outlined by the sponsor. This simplifies a prospective buyer's search and evaluation task significantly. The sample order quantity purchasing features (also described in more detail below) of the present invention, significantly reduce the time it takes for a buyer to qualify a new supplier or seller anywhere in the world.

Detailed Description Text (84):

FIG. 28 illustrates this in simple overview format. As seen in FIG. 28, buyer terms BT1 include an order for 10,000 widgets, etc, requesting a 4-year warranty on parts and that buyer's performance or payment be excused for acts of God which are here proposed to include strikes and government actions. Using the present invention, these terms are stored for review by the seller. Seller terms ST1 indicate the

seller would prefer to offer only a 6 month warranty on parts and would not include strikes or government actions under the heading of acts of God which would excuse the buyer from paying for the goods. The buyer responds with proposed buyer terms 2, BT2, which ask for a 1 year warranty and the inclusion of government actions as an act of God.

Detailed Description Text (95):

Turning now to FIG. 1f, databases 225 as they might be logically depicted for a commercial sponsored community CC are shown. In this view, sponsor database DB1 includes not only sponsor-specific information, but pointers to: a database of registered seller participants 08gra, an administrative database DBa, perhaps a larger database of potential vendors DBb, as well as a buyer participants database 08grb, and a rules database DBc.

Detailed Description Text (97):

A typical sponsor 06's administrative database DBa, in FIG. 1f, includes such things as templates, procedures, and charges for registering new sellers, procedures for recognizing and assigning passwords to buyers, procedures for automatic renewal, details of each sellers required banking information, and so on. Sponsor 06's vendor database DBb, might be a listing of all the potential vendors in this general market. For example, if the general market for which sponsored community CC was created is the market for power supplies for electronic equipment, then all the makers of power supplies might be included in a brief listing in this database. As a manufacturer of power supplies for this market registers with the sponsor 06, agreeing to meet all the conditions specified for inclusion by sponsor 06, it is automatically placed, by multivariate negotiations engine system 02, at the top of a list of vendors in vendor database DBb. Thus, when potential buyers are browsing through the community Website CC, they will find the registered sellers at the top of vendor database list DBb, with others listed in lower priority order.

Detailed Description Text (98):

Typical sponsor vendor database DBb includes text, images, sound files, etc. When information from one or more of these databases is called for, the present invention pulls such associated files and graphics for display to the requestor. Typical sponsor 06 databases 225 also include demographic data about registered sellers, such as company name, title, and locations. If certificates of authenticity, customer identification numbers, or electronic signatures such as those conventionally used for non-repudiation purposes are collected, they can also be stored in a sponsor database 225. Consequently, the services available from a typical sponsor 06 using the present invention, can make production purchasing more efficient for a buyer and provide direct access to potential buyers for all registered sellers.

Detailed Description Text (103):

For example, and still in FIG. 5a, if a buyer participant 08 wishes to place a proposed order, the browser encrypts it at the browser's secure socket layer and webserver 210s decrypts the proposed order upon receipt at multivariate negotiations engine 02's site. Webserver 210s next analyzes the proposed order to understand it and formats into a request sent to database functions 222. In addition to basic read and write functions, database functions 222 shown in FIG. 5a, include operations such as search, analyze, compare, report, sort and relate (between databases.) Formatting can be as simple as "user=username" etc. A request such as "find user=username, return catalog" might be sent through IP firewall 203f. Using object-oriented techniques, the database is ordered more compactly to provide faster search capabilities. Those skilled in the art will appreciate that traditional flat file and relational or other database structures could be used as well.

Current US Cross Reference Classification (2):

[First Hit](#) [Fwd Refs](#)



Generate Collection

Print

L4: Entry 7 of 11

File: USPT

Oct 31, 2000

US-PAT-NO: 6141653

DOCUMENT-IDENTIFIER: US 6141653 A

**** See image for Certificate of Correction ****

TITLE: System for interactive, multivariate negotiations over a network

DATE-ISSUED: October 31, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Conklin; Jeffrey	Boston	MA		
Foucher; David	Somerville	MA		
Foucher; Daniel	Bedford	MA		

ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
TradeAccess Inc	Cambridge	MA			02

APPL-NO: 09/ 192735 [PALM]

DATE FILED: November 16, 1998

INT-CL: [07] G06 F 17/60

US-CL-ISSUED: 705/80; 705/1, 705/26

US-CL-CURRENT: 705/80; 705/1, 705/26

FIELD-OF-SEARCH: 705/80, 705/1, 705/26, 705/27, 705/39, 705/37

PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

Search Selected

Search ALL

Clear

	PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
<input type="checkbox"/>	<u>4799156</u>	January 1989	Shavit et al.	
<input type="checkbox"/>	<u>5253165</u>	October 1993	Leiseca et al.	
<input type="checkbox"/>	<u>5305200</u>	April 1994	Hartheimer et al.	
<input type="checkbox"/>	<u>5495412</u>	February 1996	Thiessen	364/401
<input type="checkbox"/>	<u>5557518</u>	September 1996	Rosen	
<input type="checkbox"/>	<u>5629982</u>	May 1997	Micali	

<input type="checkbox"/>	<u>5666420</u>	September 1997	Micali	
<input type="checkbox"/>	<u>5671279</u>	September 1997	Elgamal	
<input type="checkbox"/>	<u>5677955</u>	October 1997	Doggett et al.	
<input type="checkbox"/>	<u>5715314</u>	February 1998	Payne et al.	
<input type="checkbox"/>	<u>5732400</u>	March 1998	Mandler et al.	
<input type="checkbox"/>	<u>5757917</u>	May 1998	Rose et al.	
<input type="checkbox"/>	<u>5787402</u>	July 1998	Potter et al.	705/37
<input type="checkbox"/>	<u>5790677</u>	August 1998	Fox et al.	
<input type="checkbox"/>	<u>5794207</u>	August 1998	Walker et al.	
<input type="checkbox"/>	<u>5802497</u>	September 1998	Manasse	
<input type="checkbox"/>	<u>5809144</u>	September 1998	Sirbu et al.	
<input type="checkbox"/>	<u>5826244</u>	October 1998	Huberman	705/37
<input type="checkbox"/>	<u>5873071</u>	February 1999	Ferstenberg et al.	705/37
<input type="checkbox"/>	<u>5897621</u>	April 1999	Boesch et al.	705/26
<input type="checkbox"/>	<u>5905975</u>	May 1999	Ausubel	705/37
<input type="checkbox"/>	<u>5918218</u>	June 1999	Harris et al.	705/37
<input type="checkbox"/>	<u>5924082</u>	July 1999	Silverman et al.	705/37
<input type="checkbox"/>	<u>5963923</u>	October 1999	Garber	705/37
<input type="checkbox"/>	<u>6014643</u>	January 2000	Minton	705/37

OTHER PUBLICATIONS

"TRADE'ex Unveils MarketMaker Software for Creating Online Marketplace," Business Wire, p. 04280202, Apr. 1998.

"Corporate EFT Report," Technology Center, vol. 18, No. 2, p. N/A, Feb. 1998.

"TradeAccess Sponsors First U.S. Trade Mission Web Site For Department of Commerce," PR Newswire, Dec. 1997.

Jones, Chris, "Trade'ex Readies Java-based MarketMaker," InfoWorld, vol. 18, No. 44, p. 6, Oct. 1996.

TDS Marketing Group, "TRADE'ex Connects the UK," M2 Presswire, p. N/A, Oct. 1996.

Schmerken, Ivy, "NASDAQ Revamps to Keep Up," Wall Street Computer Review, vol. 8, No. 10, p. 35(6), Jul. 1991.

ART-UNIT: 275

PRIMARY-EXAMINER: Stamber; Eric W.

ASSISTANT-EXAMINER: Meinecke-Diaz; Susanna

ATTY-AGENT-FIRM: Stretch; Maureen

ABSTRACT:

A multivariate negotiations engine for iterative bargaining which: enables a sponsor to create and administer a community between participants such as buyers and sellers having similar interests; allows a buyer/participant to search and evaluate seller information, propose and negotiate orders and counteroffers that include all desired terms, request sample quantities, and track activity; allows a

seller/participant to use remote authoring templates to create a complete Website for immediate integration and activation in the community, to evaluate proposed buyer orders and counteroffers, and to negotiate multiple variables such as prices, terms, conditions etc., iteratively with a buyer. The system provides secure databases, search engines, and other tools for use by the sponsor, which enable the sponsor to define the terms of community participation, establish standards, help promote the visibility of participating companies, monitor activity, collect fees, and promote successes. All this is done through a multivariate negotiations engine system operated at the system provider's Internet site, thus requiring no additional software at the sponsors', or participant sellers', or buyer's sites. This also allows buyers and sellers to use and negotiate payment options and methods that are accepted internationally. The system maintains internal databases that contain the history of all transactions in each community, so that sponsors, buyers and sellers may retrieve appropriate records to document each stage of interaction and negotiation. Documents are created by the system during the negotiation process.

58 Claims, 60 Drawing figures

Hit List

Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs
Generate OACS				

Search Results - Record(s) 1 through 10 of 11 returned.

☐ 1. Document ID: US 6418415 B1

L4: Entry 1 of 11

File: USPT

Jul 9, 2002

US-PAT-NO: 6418415

DOCUMENT-IDENTIFIER: US 6418415 B1

**** See image for Certificate of Correction ****

TITLE: System and method for aggregating multiple buyers utilizing conditional purchase offers (CPOS)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Claims	Drawings	Drawings
------	-------	----------	-------	--------	----------------	------	-----------	----------	--------	----------	----------

☐ 2. Document ID: US 6363365 B1

L4: Entry 2 of 11

File: USPT

Mar 26, 2002

US-PAT-NO: 6363365

DOCUMENT-IDENTIFIER: US 6363365 B1

TITLE: Mechanism for secure tendering in an open electronic network

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Claims	Drawings	Drawings
------	-------	----------	-------	--------	----------------	------	-----------	----------	--------	----------	----------

☐ 3. Document ID: US 6338050 B1

L4: Entry 3 of 11

File: USPT

Jan 8, 2002

US-PAT-NO: 6338050

DOCUMENT-IDENTIFIER: US 6338050 B1

TITLE: System and method for providing and updating user supplied context for a negotiations system

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Claims	Drawings	Drawings
------	-------	----------	-------	--------	----------------	------	-----------	----------	--------	----------	----------

☐ 4. Document ID: US 6336105 B1

L4: Entry 4 of 11

File: USPT

Jan 1, 2002

US-PAT-NO: 6336105
DOCUMENT-IDENTIFIER: US 6336105 B1

TITLE: System and method for representing data and providing electronic non-repudiation in a negotiations system

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw D
------	-------	----------	-------	--------	----------------	------	-----------	--	--	--------	------	--------

☐ 5. Document ID: US 6332135 B1

L4: Entry 5 of 11

File: USPT

Dec 18, 2001

US-PAT-NO: 6332135
DOCUMENT-IDENTIFIER: US 6332135 B1

TITLE: System and method for ordering sample quantities over a network

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw D
------	-------	----------	-------	--------	----------------	------	-----------	--	--	--------	------	--------

☐ 6. Document ID: US 6323894 B1

L4: Entry 6 of 11

File: USPT

Nov 27, 2001

US-PAT-NO: 6323894
DOCUMENT-IDENTIFIER: US 6323894 B1
**** See image for Certificate of Correction ****

TITLE: Commercial product routing system with video vending capability

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw D
------	-------	----------	-------	--------	----------------	------	-----------	--	--	--------	------	--------

☒ 7. Document ID: US 6141653 A

L4: Entry 7 of 11

File: USPT

Oct 31, 2000

US-PAT-NO: 6141653
DOCUMENT-IDENTIFIER: US 6141653 A
**** See image for Certificate of Correction ****

TITLE: System for interactive, multivariate negotiations over a network

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw D
------	-------	----------	-------	--------	----------------	------	-----------	--	--	--------	------	--------

☐ 8. Document ID: US 6108639 A

L4: Entry 8 of 11

File: USPT

Aug 22, 2000

US-PAT-NO: 6108639
DOCUMENT-IDENTIFIER: US 6108639 A

TITLE: Conditional purchase offer (CPO) management system for collectibles

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Abstract	Claims	KWIC	Draw De
------	-------	----------	-------	--------	----------------	------	-----------	----------	----------	--------	------	---------

☐ 9. Document ID: US 5794212 A

L4: Entry 9 of 11

File: USPT

Aug 11, 1998

US-PAT-NO: 5794212

DOCUMENT-IDENTIFIER: US 5794212 A

TITLE: System and method for providing more efficient communications between energy suppliers, energy purchasers and transportation providers as necessary for an efficient and non-discriminatory energy market

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Abstract	Claims	KWIC	Draw De
------	-------	----------	-------	--------	----------------	------	-----------	----------	----------	--------	------	---------

☐ 10. Document ID: US 5794207 A

L4: Entry 10 of 11

File: USPT

Aug 11, 1998

US-PAT-NO: 5794207

DOCUMENT-IDENTIFIER: US 5794207 A

**** See image for Certificate of Correction ****

TITLE: Method and apparatus for a cryptographically assisted commercial network system designed to facilitate buyer-driven conditional purchase offers

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Abstract	Claims	KWIC	Draw De
------	-------	----------	-------	--------	----------------	------	-----------	----------	----------	--------	------	---------

Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
-------	---------------------	-------	----------	-----------	---------------

Terms	Documents
L3 and (potential with (seller or vendor\$))	11

Display Format

[Previous Page](#)

[Next Page](#)

[Go to Doc#](#)

First Hit Fwd Refs

End of Result Set



Generate Collection

Print

L4: Entry 11 of 11

File: USPT

May 26, 1998

DOCUMENT-IDENTIFIER: US 5758328 A

TITLE: Computerized quotation system and method

Application Filing Date (1):

19960222

Brief Summary Text (4):

Buyers in need of goods and services often spend considerable time locating an appropriate vendor. Buyers use trade publications, directories, recommendations, and other means to locate vendors. If the type of vendor needed is in a foreign country, the problem compounds. Vendors advertise through various media and by direct sales methods to make known to potential buyers what they sell and how to contact them. Once a buyer identifies a few vendors, each must be contacted to obtain product or service price and availability information. This is a time consuming process and companies typically rely on experienced purchasing staff to accomplish it. In addition, when buyers must sell surplus inventory from time to time they must advertise, cold call, sell to brokers or the like. These processes are costly and time consuming for most businesses.

Brief Summary Text (12):

The computerized system of the present invention forms a computer based communications network for processing requests for quotation for goods and/or services through at least one central processing unit with said computerized system comprising operating system software for controlling the central processing unit and storage means containing appropriate identity and other information about members of the network, means for potential buyers of product and/or services to transmit a request for quotation to said central processing unit, means for said central processing unit to selectively broadcast or make available said request for quotation to selected network vendor members, means for said vendor members to respond directly to the requesting buyer or to said central processing unit and means for transmitting or making available from said central processing unit vendor's quotations to the requesting potential buyers.

Detailed Description Text (12):

The process of the present invention begins when a buyer prepares a network compatible request for quotation (RFQ). The buyer additionally may prepare or has previously prepared a definition of the class of vendor to receive the request. The request or requests are telecommunicated to a quotation network computer and is thereafter routed to the specified class of vendors consistent with network software and vendor requirements or conditions, if any. Vendors in the defined class respond to the buyer's request for quotation and the buyer may purchase from a responding vendor. The number of vendors within the specified class will depend on the buyer's class specification. For example, a buyer who specifies vendors of volt meters in New York State will reach more vendors than if New York City alone were specified. Such class specifications are information filters through which only the desired vendors can pass. By joining the network, all vendors are potential class members no matter where in the world they are located. In addition, a vendor may choose to filter out requests for quotation for other than a vendor

defined class of requests for quotation, e.g., requests must be for at least 10,000 pieces or for goods produced by a specific manufacturer. The computerized system may also add a filter, for example, to reflect the type of service selected by the buyer and/or vendor. The network computer's filter may time sequence routing of the buyer's request based on the vendor's distance from the buyer's location. This would give vendors with the lowest shipping charges earlier access to the buyer's request and would give the buyer an opportunity to cancel further routings of its request if responses indicate that more distant vendors are not likely to provide more competitive quotes than those already received.

Current US Original Classification (1):
705/26

Current US Cross Reference Classification (1):
705/27

CLAIMS:

12. A method of purchasing goods or services over a data network comprising the steps of:

communicating, over said data network, to a filter means, at least one request for a quotation from a potential buyer of said goods or services;

filtering, at said filter means, the at least one request in order to ascertain a set of sellers potentially capable of supplying said goods or services; and

obtaining, from at least one of said potential sellers, over a data network, quotes to supply said goods or services, and forwarding said quotes to said potential buyer, wherein at least part of the quote information is stored at a location remote from said filter means.

13. The method of claim 12 further comprising the step of accepting filtering conditions from said potential buyer, and utilizing said filtering conditions in said step of filtering to determine a subset of potentially capable sellers.

15. The method of claim 12 wherein said step of obtaining comprises the step of each seller contacting said filter means at predetermined intervals and supplying bids in response to any requests for proposal that have arrived at said filtering means and that were determined, by the filter means, to be a request for proposal for goods or services which said each seller is potentially capable of supplying.

First Hit Fwd Refs

End of Result Set

☐ **Generate Collection** **Print**

L4: Entry 11 of 11

File: USPT

May 26, 1998

US-PAT-NO: 5758328

DOCUMENT-IDENTIFIER: US 5758328 A

TITLE: Computerized quotation system and method

DATE-ISSUED: May 26, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Giovannoli; Joseph	Saddle River	NJ	07458	

APPL-NO: 08/ 603906 [PALM]

DATE FILED: February 22, 1996

INT-CL: [06] G06 F 7/06

US-CL-ISSUED: 705/26; 705/27

US-CL-CURRENT: 705/26; 705/27

FIELD-OF-SEARCH: 395/201, 395/226, 395/227, 395/237, 705/26, 705/27

PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

Search Selected **Search ALL** **Clear**

	PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
<input type="checkbox"/>	<u>4734858</u>	March 1988	Schlaflly	364/408
<input type="checkbox"/>	<u>4799156</u>	January 1989	Shavit et al.	364/401
<input type="checkbox"/>	<u>4922940</u>	May 1990	Dworkin	395/226
<input type="checkbox"/>	<u>4972318</u>	November 1990	Brown et al.	364/403
<input type="checkbox"/>	<u>4992940</u>	February 1991	Dworkin	364/401
<input type="checkbox"/>	<u>5077665</u>	December 1991	Silverman	
<input type="checkbox"/>	<u>5136501</u>	August 1992	Silverman et al.	
<input type="checkbox"/>	<u>5168446</u>	December 1992	Wiseman	364/408
<input type="checkbox"/>	<u>5237499</u>	August 1993	Garback	
<input type="checkbox"/>	<u>5305200</u>	April 1994	Hartheimer et al.	
<input type="checkbox"/>	<u>5309355</u>	May 1994	Lockwood	

<input type="checkbox"/>	<u>5351186</u>	September 1994	Bullock et al.	
<input type="checkbox"/>	<u>5361199</u>	November 1994	Shoquist et al.	
<input type="checkbox"/>	<u>5375055</u>	December 1994	Togher	364/408
<input type="checkbox"/>	<u>5402336</u>	March 1995	Spiegelhoff et al.	
<input type="checkbox"/>	<u>5485370</u>	January 1996	Moss et al.	
<input type="checkbox"/>	<u>5500793</u>	March 1996	Demlog, Jr. et al.	

OTHER PUBLICATIONS

Author unknown, IBNL Forges Into the Future of Buying and Selling with Source Interactive Software, PR Newswire, Jan. 10, 1996.
 Author unknown, IBNL Announces Signing of More Than \$8 Billion in Buying Power, Business Wire, Nov. 15, 1996.

ART-UNIT: 271

PRIMARY-EXAMINER: Cosimano; Edward R.

ASSISTANT-EXAMINER: Groutt; Phillip

ATTY-AGENT-FIRM: Kaplan; Jeffrey

ABSTRACT:

A computerized system for forming a computer based communications network of network members inclusive of network buyers and or network vendors for processing requests for quotation for goods and services through at least one central processing unit including operating system software for controlling the central processing unit, storage means containing the identification of network members, means for network buyers to generate request for quotation for goods and/or services, means for transmitting said request for quotation to said central processing unit, filter means for selecting appropriate network members to receive said request for quotation based on filter conditions defined by the buyer in said request for quotation and/or by the vendor and/or by the central processing unit, means for broadcasting said request for quotation to the network members selected by said filter means and means for responding to the generator of said request for quotation with either a response to said request for quotation or with a list of said selected network members. Filter conditions may define the class of vendors in terms of geographical location, quantity, language spoken, currency, special conditions of sale, and the like.

19 Claims, 9 Drawing figures